

您設計產品時的好朋友！



Forum: [16-bit PIC24/dsPIC](#)

Topic: [關於dsPIC33EV256GM106 with CAN baud](#)

Subject: Re: [關於dsPIC33EV256GM106 with CAN baud](#)

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2019年06月11日 15:52:50

Hi 版大您好~

非常感激您的指導,

目前有商借到dsPIC33EV 5V CAN-LIN Starter Kit,

使用其Demo code~

500Kbps可以設定成扔麈銻LCAN裝置溝通無異常:

```
void InitCAN(void)
```

```
{
```

```
    // drive the CAN STANDBY driver pin low
```

```
    _TRISG9 = 0;
```

```
    _LATG9 = 0;
```

```
    _TRISF1 = 0;
```

```
    _TRISF0 = 1;
```

```
    // remap the CAN module to the proper pins on the board
```

```
    RPINR26 = 0x60;           // connect CAN RX to RPI96
```

```
    RPOR9 = 0x000E;         // connect CAN TX to RP97
```

```
    C1CTRL1bits.REQOP = 4;
```

```
    while (C1CTRL1bits.OPMODE != 4);
```

```
    C1CTRL1bits.WIN = 0;
```

```
    /* Set up the CAN module for 250kbps speed with 10 Tq per bit. */
```

```
    //C1CFG1 = 0x47; // BRP = 8 SJW = 2 Tq
```

```
    //C1CFG2 = 0x2D2; //SEG2PH=2 TQ;SEG1PH 17 TQ; (PRSEG=010 TQ)
```

```
    /* Set up the CAN module for 500kbps speed with Tq per bit. */
```

```
    C1CFG1 = 0x07; // BRP = 8 SJW = 1 Tq
```

```
    C1CFG2 = 0x0C8; //SEG2PH=1 TQ;SEG1PH 7 TQ; (PRSEG=1 TQ)
```

機板上X1僅8Mhz,但應該可以設定到CAN bit rate:1Mbps~

但目前嘗試多組設定仍無法達成1Mbps bit rate設定.